NOV 1 4 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Date: November 14, 2006

Applicants: Bednorz et al.

Docket: YO987-074BZ

Serial No.: 08/479,810

Group Art Unit: 1751

Filed: June 7, 1995

Examiner: M. Kopec

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH TRANSITION

Examiner: W. Ropec

TEMPERATURE, METHODS FOR THEIR USE AND PREPARATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this Supplementary Response, (2 Pages) is being facsimile transmitted to the U.S. Patent and Trademark Office to (571) 273-8300 on November 14, 2006₂

Dr. Daniel P. Morris, Esq.

Reg. No. 32,053

ELEVENTH SUPPLEMENTARY RESPONSE

On November 13, 2006 Applicants submitted an Interview Summary listing the status of the claims, upon a detailed review Applicants believe that claim 379 should be allowed for the same reason that claim 77 has been allowed and that claim 380 should be allowed for the same reason that claim 180 has been allowed. Thus in the Appeal Brief the status of the claims will be listed as follows:

Withdrawn claims: 73-76, 82, 83, 377 and 378.

Rejected claims under 35 USC 112 first paragraph for lack of enablement are: 1-64, 66-72, 84, 85, 88-96, 100-102, 109-112, 115-122, 126-134, 139, 141-143, 146-149, 153-155, 162-166, 182-184, 187, 188, 192-195, 198-212, 217-219, 222, 223, 227-230, 232-234, 237-240, 244-246, 253-257, 268, 273-275, 278, 279, 283-286, 289-295, 302, 303, 308-310, 313, 314, 318-329, 331-334, 337-345, 347-357, 359-374, 376, 379, 380, 382, 383, 389, 394, 395, 402, 407, 408, 414-501, 508-510, 515-543. (Applicants believe that claims 379 and 380 should not be rejected but should be allowed for the same reasons that claims 77 and 80, respectively, are allowed)

The Allowed claims are:

65, 77-81, 86, 87, 97-99, 103-108, 113, 114, 123-125, 135-138, 140, 144, 145, 150-152, 156-161, 167-181, 185, 186, 189-191, 196, 197, 213-216, 220, 221, 224-226, 231, 235, 236, 241-243, 247-252, 258-267, 269-272, 276, 277, 280-282, 287, 288, 296-301, 304-307, 311, 312, 315-317, 330, 335, 336, 346, 358, 375, 377, 378, 381, 384-388, 390-393, 396-401, 403-406, 409-413, 502-507, 511-515. (Applicants believe that claims 379 and 380 should not be rejected but should be allowed for the same reasons that claims 77 and 80, respectively, are allowed)

Please charge any fee necessary to enter this paper and any previous paper to deposit account 09-0468.

Respectfully submitted,

IBM CORPORATION Intellectual Property Law Dept.

P.O. Box 218

Yorktown Heights, New York 10598

Dr. Daniel P. Morris, Esq.

Reg. No. 32,053 (914) 945-3217